

FILE NOTATIONS

Entered in NID File ☒
 Entered On S R Sheet _____
 Location Map Pinned ☒
 Card Indexed ☒
 I W R for State or Fee Land _____

Checked by Chief _____
 Copy NID to Field Office _____
 Approval Letter _____
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 12/3/76
 OW _____ WW _____ TA _____
 GW _____ OS _____ PA ☒

Location Inspected _____
 Bond released _____
 State of Fee Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
 Lat _____ Mi-L _____ Sonic _____ Others _____

Gordon Engineering, Inc.

Consulting Engineers
Specialists in Oil & Gas

P. O. Box 3052
822 North Avenue
Grand Junction, Colo. 81501
(303) 245-1958

October 22, 1976

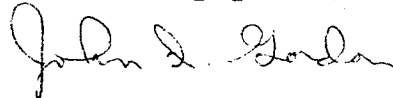
RE: Willard Pease Oil & Gas Co.
Federal Well No. 10-1
Federal Well No. 14-1
Federal Well No. 25-1
Grand County, Utah

Mr. Cleon B. Feight, Director
Division of Oil, Gas, & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

We are enclosing an Application for a Permit to Drill the above referenced wells for your review and approval. Should you have any questions or need additional information, please contact me at (303) 245-1958 or residence (303) 243-9599.

Very truly yours,



John I. Gordon

JIG/dll
Enclosures
cc: Willard H. Pease



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

WILLARD PEASE OIL & GAS CO.

3. ADDRESS OF OPERATOR

P.O. BOX 3052, GRAND JUNCTION, COLORADO 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1811' FNL, 817' FEL, SEC. 25, T20S, R22E, Grand County, Utah

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 16 miles NW of Cisco Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

817'

16. NO. OF ACRES IN LEASE

2040

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2000'+

19. PROPOSED DEPTH

2650'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4635' G.L.

22. APPROX. DATE WORK WILL START*

November 15, 1976

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	7 5/8"		150'	Cement to Surface w/regular + 2% CaCl ₂ 200 Sx Regular + 1% CaCl ₂
6 3/4"	4 1/2"	9.5#	2650'	

We propose to rig up and drill a 12 1/4" hole to about 150 ft. and set surface casing. After nipping up, the surface casing and BOP's will be pressure tested to about 500 psi. The shoe will be drilled and an 6 3/4" hole will be drilled to 2650' TD or until the Entrada formation has been penetrated. Should the well be productive, 4 1/2" casing will be run and cemented. It will then be perforated, tested, and stimulated if necessary. If the well is non-productive, permission will be secured and the well plugged and abandoned. Potentially productive intervals are the Dakota and Morrison group and the Entrada. Surface and production casing will be new Grade K-55, Range 2 (30 ft. joints) pipe. Wellhead equipment will consist of 2000 psi working pressure, 4000 psi test pressure equipment similar to a Larkin Figure 92. Blowout prevention equipment will consist of a 10" Series 900 flanged tandem stacked double ram hydraulic actuated type similar to a Shaffer complete with an accumulator and controls for off-the-floor operation. Blind rams, 3 1/2" pipe rams, and a positive and adjustable choke will be installed. Operation of the BOP equipment will be checked daily and the blind rams will be closed at

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED J. D. GordonTITLE Consulting EngineerDATE 10-20-76

(This space for Federal or State office use)

PERMIT NO. 43-019-30320

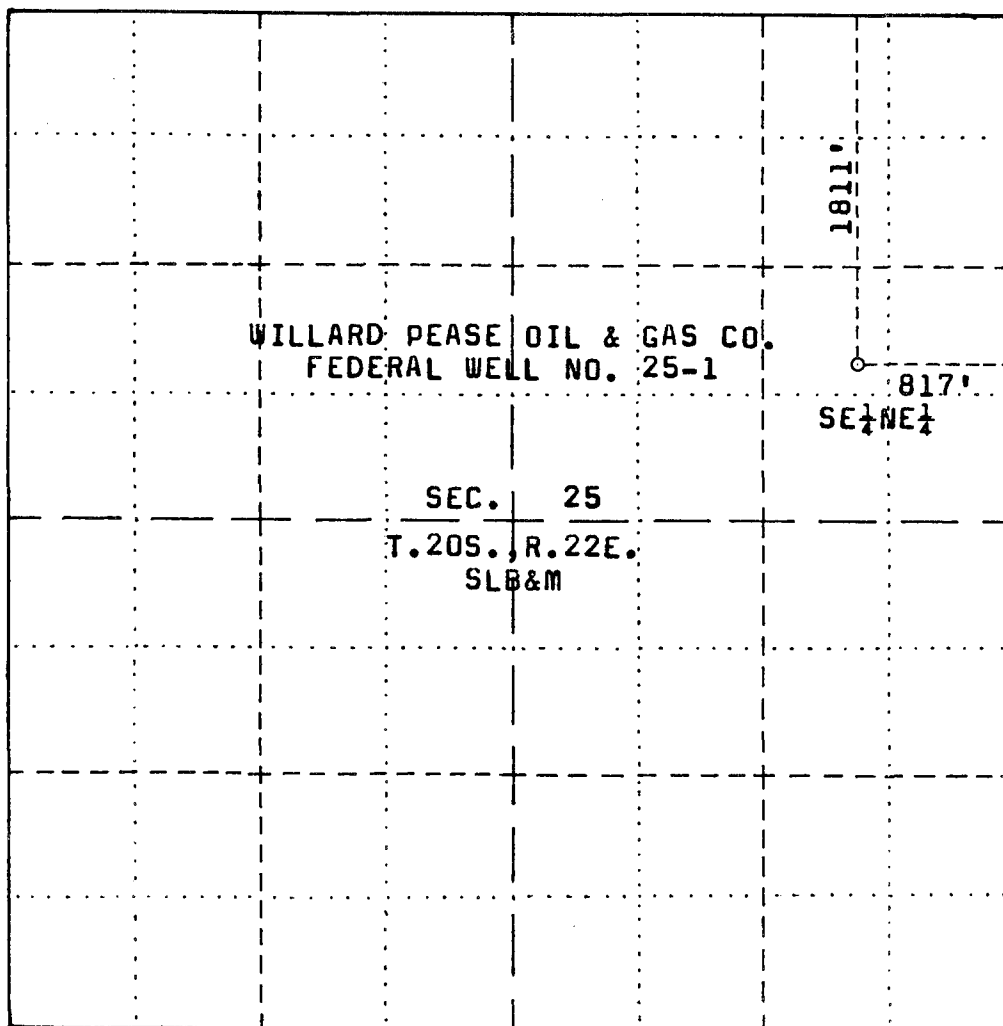
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



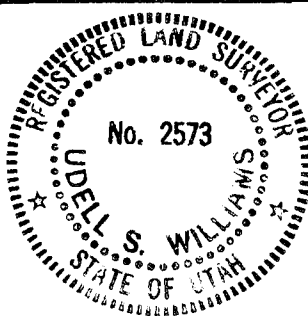
SCALE: 1" = 1000'

WILLARD PEASE OIL & GAS CO.
FEDERAL WELL NO. 25-1

Located South 1811 feet from the North boundary and West 817 feet from the East boundary of Section 25, T.20S., R.22E., SLB&M.

Groundline Elev. 4635

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS
751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION
WILLARD PEASE OIL & GAS CO
FEDERAL WELL NO. 25-1
SE $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 25, T20S, R22E

SURVEYED BY: USW DATE: 10/11/76
DRAWN BY: USW DATE: 10/13/76

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: Oct. 28 -
Operator: Willard Reese
Well No: Federal 25-1
Location: Sec. 25 T. 20S R. 22E County: Grand

File Prepared

☒

Entered on N.I.D.

☒

Card Indexed

☒

Completion Sheet

☒

Checked By:

Administrative Assistant:

[Signature]

Remarks:

Outside spaced
Areas -

Petroleum Engineer/Mined Land Coordinator:

[Signature]

Remarks:

Director:

7

Remarks:

Include Within Approval Letter:

Bond Required

☐

Survey Plat Required

☐

Order No.

☐

Blowout Prevention Equipment

☐

Rule C-3(c) Topographical exception/company owns or controls acreage
within a 660' radius of proposed site

☐

O.K. Rule C-3

☒

O.K. In

Unit

☐

Other:

☐☒

Letter Written

October 28, 1976

Willard Pease Oil & Gas Company
P.O. Box 3052
Grand Junction, Colorado 81501

Re: Well No's:
Federal 25-1
Sec. 25, T. 20 S, R. 22 E,
Federal 14-1
Sec. 14, T. 20 S, R. 22 E,
Grand County, Utah

Gentlemen;

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is:

#14-1: 43-019-30319

#25-1: 43-019-30320

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

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Approval Notice - Drilling of Oil, Gas & Mining - Federal

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24.

SIGNED

TITLE Consulting Engineer

DATE 10-20-76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

NOV 17 1976

(ORIG. SGD.) E. W. GUYNN

TITLE

DISTRICT ENGINEER

DATE NOV 19 1976

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

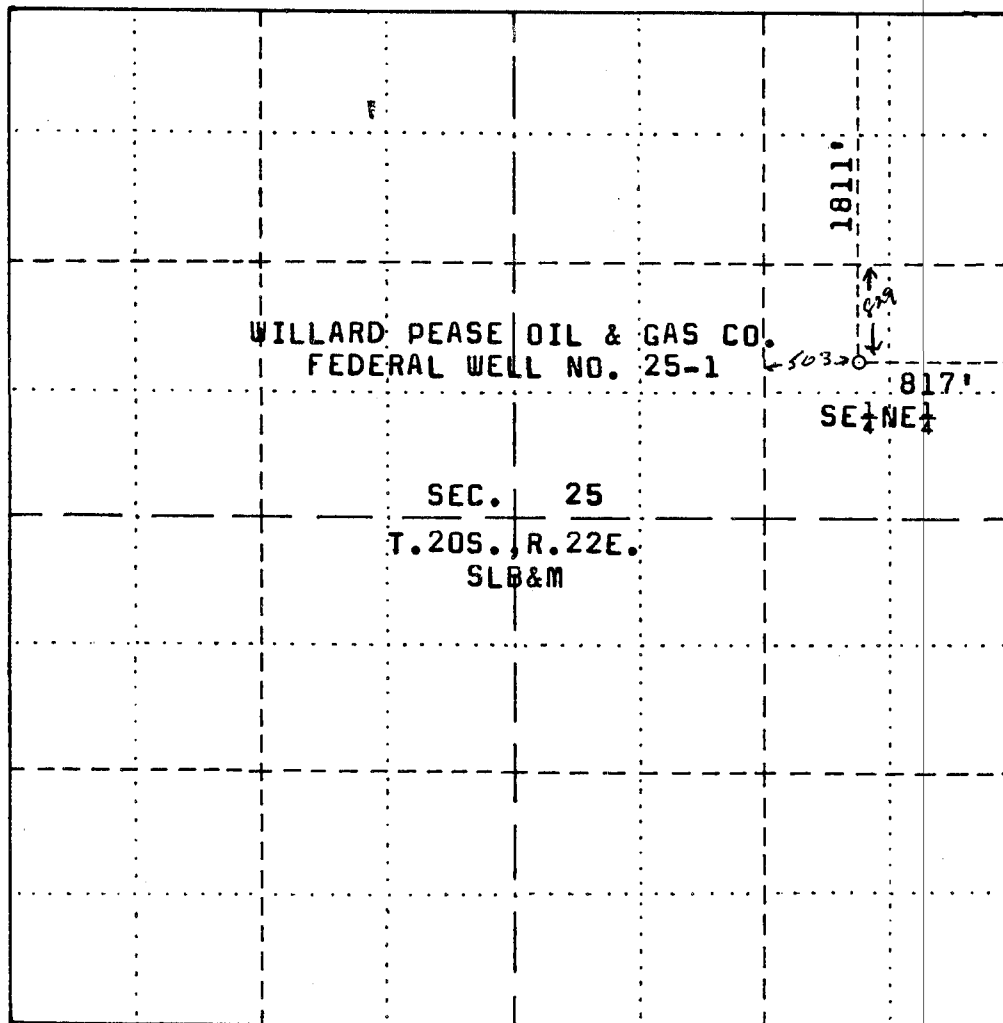
Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

* GPO 782-931

every opportunity. Air is to be used as the drilling medium and a rotating head, a float at the bit, and a string float will be used. Other safety equipment consists of a Kelly Cock and a full opening valve on the floor. No cores are anticipated and the well will be tested continuously by air drilling. Maximum anticipated pressures will be 600 to 800 psig in the Dakota-Morrison group and should require no more than normal mud weights to kill the well. Logging program should consist of an IES and a FDC-CNL porosity log. Operations should be completed within 120 days after the date shown. Estimated Geological markers are:

Mancos	Surface
Dakota	1785'
Morrison	1945'
Entrada	2585'



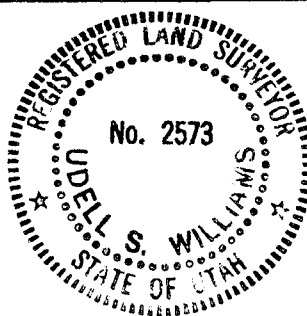
SCALE: 1" = 1000'

WILLARD PEASE OIL & GAS CO.
FEDERAL WELL NO. 25-1

Located South 1811 feet from the North boundary and West 817 feet from the East boundary of Section 25, T.20S., R.22E., SLB&M.

Groundline Elev. 4635

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS
751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION
WILLARD PEASE OIL & GAS CO
FEDERAL WELL NO. 25-1
SE $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 25, T20S, R22E

SURVEYED BY: USW DATE: 10/11/76
DRAWN BY: USW DATE: 10/13/76

Lease

U-31748

Well No. & Location

25-1 SE/NE Sec 25, T20S
R22E, GRAND County, UT

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

Willard Pease Oil & Gas

PROPOSES TO DRILL AN OIL AND

GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 2650 FT. TD. 2) TO CONSTRUCT A

DRILL PAD 200 FT. X 250 FT. AND A RESERVE PIT 30 FT. X 40 FT.

3) TO CONSTRUCT 18 FT. X 600' MILES ACCESS ROAD AND UPGRADE

X MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD.

2. Location and Natural Setting (existing environmental situation)

The proposed well site is located in the
Cisco Desert approx. 16 miles north
west of Cisco, Utah

The area is generally flat desert
with some small rolling hills &

A few scattered gullies & washes

The well site is in a relatively flat
area with a slope to the north/east

Vegetation is sparse with some
~~scrub~~ scrub sage brush and assorted
native grasses & cactus

The surface is public & supports some
light live stock grazing during winter
months.

Wild life found in the ~~area~~ area is
also sparse, ~~with~~ coyotes, rabbits
and small rodents & birds

There was no evidence of any historical
or archeological sites in the area to
be disturbed.

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSION FROM THE DRILLING RIG POWER UN AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS.

3) No near-by locations could be found that would justify moving the proposed well site.

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM R ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6)

6. Determination

(This requested action ~~does~~ (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c).

Date Inspected 11-10-76

Inspector B. G. [Signature]

[Signature]
U.S. Geological Survey,
Conservation Division
Salt Lake City District
Salt Lake City, Utah

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Willard Pease Oil & Gas Co. # 25-1	1811' FNL, 817' FEL Sec. 25 T20S R22E SLM, GRAND CO, UTAH GREL 4635'	U-31748
<p>1. Stratigraphy and Potential Oil and Gas Horizons. <i>Well will spud in the Mancos Shale. Drilling Enterprises, Inc. Well # 24-20-22, sec 24 same township, reports the following tops: Dakota silt - 2044', Dakota sand - 2150', Morrison - 2262', Salt Wash - 2793'. T.D. 2803'</i></p> <p>2. Fresh Water Sands.</p> <p align="center"><i>WRD reports the following: see page 2.</i></p> <p>3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) <i>Prospectively valuable for coal.</i></p> <p>4. Possible Lost Circulation Zones. <i>Unknown.</i></p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. <i>Unknown.</i></p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. <i>Probably none. Blowout equipment & casing appear to be adequate.</i></p> <p>7. Competency of Beds at Proposed Casing Setting Points. <i>Probably competent.</i></p> <p>8. Additional Logs or Samples Needed. <i>Normal suite.</i></p> <p>9. References and Remarks <i>more than 2 miles from HBS.</i></p>		
Date: <i>DOB</i>	Signed: <i>[Signature]</i>	

14. (D-20-23) 13 odc

Depths of fresh-water zones:

Isabelle Thomas, Wildcat, Thomas No. 2

4,952 fnl, 1,575 fwl, sec. 13, T 20 S, R 23 E, SLBM, Grand County, Utah

Elev. 4,667 ft, test to 1,700 ft.

Formation tops, approx.:

Mancos Sh	surface
Dakota Ss	1,260 ft
Buckhorn Cgl	1,310 ft
Morrison Fm	1,360 ft
Entrada Ss	2,150 ft

There are no water wells on record in the near vicinity of this proposed oil test. Anomalous sand lenses may occur in the upper part of the Mancos Shale. If less than about 500 ft beneath the surface, they may contain useable water. The Ferron Sandstone Member of the Mancos, if present, may also contain useable water (saline but acceptable for stock). Formations at greater depths contain salty water or brine.

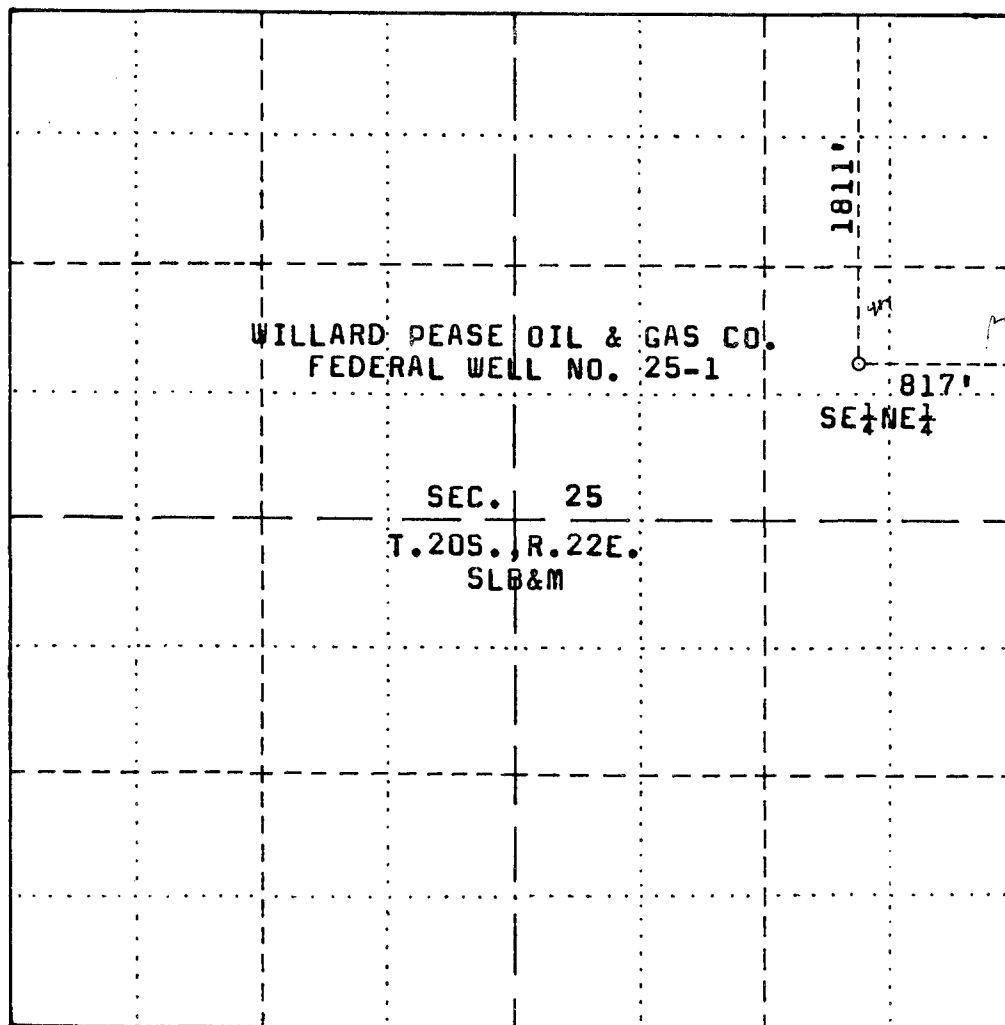
CTS
1-28-70

#321

Willard REAR
Well # 25-1
Sec. 25 T20S
R22E
GRAND CO. UTAH
REAR - J. GORDON
B.H.M. - D. NAGELS
USGS - B. FRANT

- | | |
|---|--------------|
| 0 | ENHANCES |
| | NO IMPACT |
| / | MINOR IMPACT |
| X | MAJOR IMPACT |

ATTACHMENT 2-A		521																			
Willard Peak Well # 25-1 Sec. 25 T20S R22E GRAND CO. UTAH Peak - J. Gordon BLM - D. Nagels USGS - B. Fiant		Construction				Pollution				Drilling Production				Transport Operations		Accidents		Others			
		Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks	Operational failure	
Land Use	Forestry	✓																			
	Grazing	✓	✓			/		/								/			/		
	Wilderness	✓																			
	Agriculture	✓																			
	Residential-Commercial	✓																			
	Mineral Extraction	✓																			
	Recreation	✓	0																		
	Scenic Views	✓	/			/				/									/		
	Parks, Reserves, Monuments	✓																			
	Historical Sites	✓	NO EVIDENCE																		
Unique Physical Features	✓																				
Flora & Fauna	Birds	✓	/			/		/							/				/		
	Land Animals	✓	/			/		/							/				/		
	Fish	✓																			
	Endangered Species	✓	NONE KNOWN																		
	Trees, Grass, Etc.	✓	/			/													/		
Phy. Charact.	Surface Water	✓																			
	Underground Water	✓																			
	Air Quality	✓						/								/					
	Erosion	✓	/			/													/		
	Other	✓																			
Effect On Local Economy		✓ 000				0								0							
Safety & Health																					
Others		Orig: File cc: DORM - Utah Reg - Denver BLM - M... w/o material																			



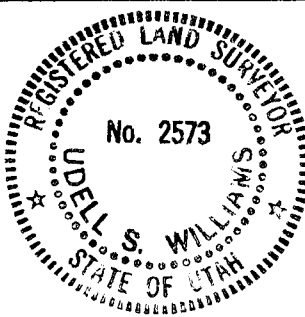
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PROPOSED LOCATION
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FEDERAL WELL NO. 25-1
SE 1/4 NE 1/4 SEC. 25, T20S, R22E

SURVEYED BY: USW DATE: 10/11/76
DRAWN BY: USW DATE: 10/13/76

CIRCULATE TO:

DIRECTOR ----- ☐
PETROLEUM ENGINEER ----- ☐
MINE COORDINATOR ----- ☐
ADMINISTRATIVE ASSISTANT ----- ☒ *rs*
ALL ----- ☒ *k*

RETURN TO Kathy
FOR FILING

November 29, 1976

Memo to File:

Re: Willard Pease
Federal 25-1
Sec. 25, T. 20 S, R. 22 E.
Grand Co., Utah

This office was informed by Mr. John Gordon on the 24th day of November 1976, that the above well is scheduled to spud @ 7:00 a.m. on the 26th day of November 1976.

Willard Pease's rig #1 will do the drilling.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD/tlb

CIRCULATE TO:

DIRECTOR
PETROLEUM ENGINEER
MINE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL

RETURN TO Kathy
FOR FILING

☐ P
☒
☐
☐
☒

December 3, 1976

Memo to File:

Re: Willard Pease
Federal 25-1
Sec. 25, T. 20 S, R. 22 E.
Grand Co., Utah

Verbal permission to plug the above well was given on December 2, 1976.

A 8 5/8" pipe was set at 146' for surface pipe. A 7 7/8" hole was drilled to a depth of 2606'. At this point, the bit and the drill collar became stuck.

The well was spudded in the Mancos Formation, and the Dakota top was @ 1932'. The Morrison Formation was encountered @ 2037'

The above well was plugged and abandoned as follows:

30 sacks.....2425'-2525'
" "2100'-2000'
" " 200'- 100'
10 "Surface

A regulation dry hole marker will be set, and the surface will be cleaned and leveled.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD/tlb

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN
(Other instructions
reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-31748

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

25-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 25, T20S, R22E, SLB&M

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4635' G.L.

12. COUNTY OR PARISH

Grand

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

API No. 43-019-30320

Spudded Well at 11:30 AM 11-26-76. Ran and cemented 149 FT. 8 5/8" -26.4# casing with 100 SX Regular Cement containing 2% CaCl₂
Plug Down at 9:30 PM 11-27-76

Well drilled to a total depth of 2609' and plugged and abandoned as follows:

Cement Plugs

2425' - 2525' 30 Sx Regular

2000' - 2100' 30 Sx Regular

100' - 200' 30 Sx Regular

10 Sx Surface with Regulation Marker

Formation Tops

Mancos: Surface

Dakota: 1932'

Morrison: 2037'

Top of fish at 2525'. Fish consists of bottom drill collar & bit. Water encountered at 2250' at an estimated rate of 5 gal/hr.. Operations completed at 4:00 AM 12-3-76. Verbal approval obtained at 3:13 PM 12-2-76.

Location should be ready for final inspection by 1/1/77.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Consulting Engineer

DATE 12-7-76

(This space for Federal or State office use)

APPROVED BY

TITLE

FOR

E. W. GUYNN

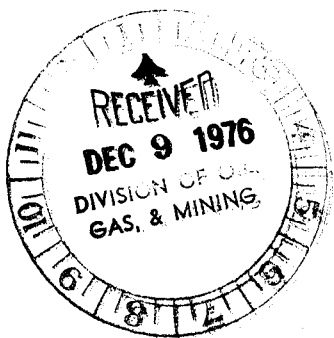
DISTRICT ENGINEER

DATE

MAY 26 1981

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number FEDERAL # 25-1 WILDCAT

Operator WILLARD PEASE OIL & GAS CO.

Address 570 KENNECOTT BLDG. SALT LAKE CITY, UTAH 84133

Contractor WILLARD PEASE DRILLING CO.

Address P.O. BOX 548, GRAND JUNCTION, COLORADO 81501

Location SE 1/4, NE 1/4, Sec. 25 ; T. 20 N; R. 22 E; GRAND County
S W

Water Sands:

	Depth: From- To-	Volume: Flow Rate or Head-	Quality: Fresh or salty-
1.	<u>SURFACE 2250</u>	<u>NONE</u>	
2.	<u>2250</u>	<u>ESTIMATED 5 GAL/HR</u>	<u>UNKNOWN</u>
3.	<u>2250 2609</u>	<u>UNKNOWN</u>	
4.			
5.			

(continue on reverse side if necessary)

Formation Tops:
MANCOS: SURFACE
DAKOTA: 1932'
MORRISON: 2037'

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
 - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

U-31748

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

25-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec 25, T20S, R22E

SLB&M

12. COUNTY OR
PARISH

Grand

13. STATE

Utah

1a. TYPE OF WELL:

OIL
WELL ☐GAS
WELL ☐DRY ☒

Other

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESVR. ☐

Other

2. NAME OF OPERATOR

Willard Pease Oil & Gas Co.

3. ADDRESS OF OPERATOR

570 Kennecott Building, Salt Lake City, Utah 84133

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1811' FNL, 817' FEL, Sec. 25, T20W, R22E, Grand County,

At top prod. interval reported below Utah

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11-26-76

16. DATE T.D. REACHED

12-3-76

17. DATE COMPL. (Ready to prod.)

12-3-76

18. ELEVATIONS (DF, RES, RT, GR, ETC.)*

4635' G.L.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2609'

21. PLUG, BACK T.D., MD & TVD

DXA

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

D X A

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR - SONIC, IES.

27. WAS WELL CORRED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	26.4	149'	12 1/2	100 Sx REG & 2% CaCl ₂	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Cement Plugs @:

2425' - 2525' 30Sx

2000' - 2100' 30Sx

100' - 220' 30Sx

10 Sx Surface W/Marker

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
						D x A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Consulting Engineer

DATE 12-6-76

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Fish at: Water @ Verbal Approval to abandon	2525 2250	Bottom Approximately 5 Gal/Hr.	Hole collar & Bit at 3:13 PM 12-2-76

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Mancos	Surface	
Dakota	1932'	
Morrison	2037'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

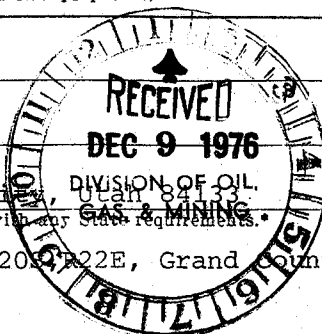
SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-31748	
2. NAME OF OPERATOR Willard Pease Oil & Gas Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 570 Kennecott Building, Salt Lake City, Utah 84103		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1811' FNL, 817' FEL, Sec. 25, T20S, R22E, Grand County, Utah		8. FARM OR LEASE NAME Federal	
		9. WELL NO. 25-1	
		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25, T20S, R22E, SLB&M	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4635' G.L.	12. COUNTY OR PARISH Grand	13. STATE Utah



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

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Cement Plugs

2425' - 2525' 30 Sx Regular
2000' - 2100' 30 Sx Regular
100' - 200' 30 Sx Regular
10 Sx Surface with Regulation Marker

Formation Tops

Mancos: Surface
Dakota: 1932'
Morrison: 2037'

Top of fish at 2525'. Fish consists of bottom drill collar & bit. Water encountered at 2250' at an estimated rate of 5 gal/hr.. Operations completed at 4:00 AM 12-3-76. Verbal approval obtained at 3:13 PM 12-2-76. Location should be ready for final inspection by 1/1/77.

APPROVED BY THE DIVISION OF
OIL, GAS AND MINING

DATE: Dec 9, 1976

BY: P. L. Swinall

18. I hereby certify that the foregoing is true and correct

SIGNED *[Signature]*

TITLE Consulting Engineer

DATE 12-7-76

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-31748

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

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25-1

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Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 25, T20S, R22E, SLB&m

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4635' GL

12. COUNTY OR PARISH

Grand

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

☐
☐
☒
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Surface restoration:

5/24/79 Rebuilt roads & worked on well site- reclaimed location and put road back to bed.

5/25/79 Contoured well site; also on 5/30/ & 5/31.

12/11/79 Seeded and harrowed location with 20 lbs seed.

BIM in Moab, Utah has been notified.

RECEIVED

MAR 14 1980

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Mrs. R. P. Rhoads

TITLE

Ass't Secretary

DATE

03/13/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

✓ cc: State of Utah

*See Instructions on Reverse Side